



PTO/SB/08B (08-03)

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/828,846	
			Filing Date	April 20, 2004	
			First Named Inventor	Binder, Steven R.	
			Art Unit	1645 1631	
			Examiner Name	Whaley	
Sheet	3	of	5	Attorney Docket Number	02558B-063710US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PW	AA	US-8,024,705	02-15-2000	Schlager et al.	
I	AB	US 6,031,232	02-29-2000	Cohenford et al.	
	AC	US 5,674,688	10-07-1997	Kauvar et al.	
	AD	US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ²	Number ⁴	Kind Code ⁵ (if known)				
PW	AE	PCT	WO 96/12187	A1	4-25-1996			<input type="checkbox"/>
	AF							<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
PW	AG	ASSADI, A. "A basic introduction to pattern recognition," at << http://www.lcmg.wisc.edu/bioCVG/courses/math991-f2001/courseware/patternRecog_Intro_Reading.pdf >> visited on September 24, 2002.		
	AH	BEGLEY, R.J. et al. "Adding intelligence to medical devices," Medical Device & Diagnostic Industry March 2000, pp. 150-173.		
	AI	BOYD, J.C. et al. "Effect of atypical antibiotic resistance on microorganism identification by pattern recognition," J. of Clinical Microbiology December 1978, pp. 689-694, Vol. 8, No. 6.		
	AJ	CABELLO, D. et al. "Fuzzy K-nearest neighbor classifiers for ventricular arrhythmia detection," Int. J. Biomed. Comput. 1991, pp. 77-93, Vol. 27.		
	AK	CASTELLI, V. and BRODIE, M. "EE 6880 special topics in signal processing statistical pattern recognition," at << http://www.ee.columbia.edu/academics/CastelBrodiecourse description.pdf >> visited on September 24, 2002, 1 page total.		
	AL	DeJESUS, E.X. "Tech Update-Achieving expert ease: expert systems can speed work, answer questions and offer guidance in all areas of healthcare," Healthcare Informatics January 2000, pp. 55-60.		
	AM	ESSEX, D. "Artificial Intelligence-Long-awaited technology eases into healthcare, may stimulate e-business," Healthcare Informatics February 2000, pp. 74-76.		
	AN	GLICKMAN, S.E. et al. Rapid identification of mycolic acid patterns of mycobacteria by high-performance liquid chromatography using pattern recognition software and a mycobacterium library," J. of Clin. Microbiology March 1994, pp. 740-745, Vol. 32, No. 3.		
	AO	GRAFENSTEIN, H.V. "Phar 441 immunology: lecture 10-autoimmune diseases," Autoimmune diseases at << http://www.fst.usc.edu/~grafen/teaching/lectures8.htm >> visited on August 28, 2000, 9 pages total.		

Examiner Signature		Date Considered	2/14/06
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.



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PV	AP	HUANG, H. and ANTONELLI, P. "Application of principal component analysis to high-resolution infrared measurement compression and retrieval," J. of Applied Meteorology March 2001, pp. 365-388, Vol. 40.	
	AQ	VANDIC, M. et al. "The use of knowledge-based systems to improve medical knowledge about urine analysis," Clinica Chimica Acta 2000, pp. 251-260, Vol. 297.	
	AR	MELLORS, R.C. "Immunopathology," at <<http://edcenter.med.cornell.edu/CUMC_PathNotes/Immunopathology/Immunopathology.html>> visited on September 28, 2000, 42 pages total.	
	AS	MOENS, H.J.B. and Van der KORST, J.K. "Computer-assisted diagnosis of rheumatic disorders," Seminars in Arthritis and Rheumatism December 1991, pp. 156-169, Vol. 21, No. 3.	
	AT	NIAID publications "Understanding autoimmune disease-how are autoimmune diseases treated?" at <<http://www.niaid.nih.gov/publications/autoimmune/treated.htm>> visited on August 28, 2000, 2 pages total.	
	AU	NIAID publications "Understanding autoimmune disease-how are autoimmune diseases diagnosed?" at <<http://www.niaid.nih.gov/publications/autoimmune/diagnosed.htm>> visited on August 28, 2000, 1 page total.	
	AV	NIAID publications "Understanding autoimmune disease-how does the immune system work?" at <<http://www.niaid.nih.gov/publications/autoimmune/work.htm>> visited on August 28, 2000, 6 pages total.	
	AW	NIAID publications "Understanding autoimmune disease-what are autoimmune diseases?" at <<http://www.niaid.nih.gov/publications/autoimmune/what.htm>> visited on August 28, 2000, 1 page total.	
	AX	NIAID publications "Understanding autoimmune disease-what are some examples of autoimmune diseases?" at <<http://www.niaid.nih.gov/publications/autoimmune/examples.htm>> visited on August 28, 2000, 4 pages total.	
	AY	NIAID publications "Understanding autoimmune disease-what are the causes of autoimmune diseases?" at <<http://www.niaid.nih.gov/publications/autoimmune/causes.htm>> visited on August 28, 2000, 2 pages total.	
	AZ	NIAID publications "Understanding autoimmune disease-who is affected by autoimmune diseases?" at <<http://www.niaid.nih.gov/publications/autoimmune/who.htm>> visited on August 28, 2000, 1 page total.	
	AAA	Principal component analysis "Principal component analysis," at <<http://www.cls.hut.fi/~aapo/papers/NCS99web/node5.html>> visited on September 24, 2002, 2 pages total.	
	ABB	SMITH, B.J. and McNEELY, M.D.D. "The influence of an expert system for test ordering and interpretation on laboratory investigations," Clinical Chem. 1999, pp. 1168-1175, Vol. 45, No. 8.	
	ACC	TOBIN, K.W. et al. "Adaption of the fuzzy k-nearest neighbor classifier for manufacturing automation," at http://www.ismv.ic.ornl.gov/publications/kwt_spl98.pdf>> visited on September 24, 2002.	
	ADD	TRENDELENBURG, C. et al. "Knowledge-based test result interpretation in laboratory medicine," Clinica Chimica Acta 1998, pp. 229-242, Vol. 278.	
	AEE	Van OUYEN, A. "Theoretical aspects of pattern analysis: a simple introduction to principal component and cluster analysis," at <<http://www.anc.ed.ac.uk/~arjen/papers/cluster_abstract.html>> visited on September 24, 2002, 2 pages total.	

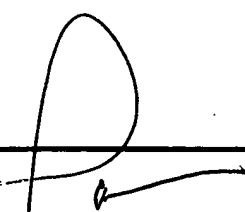
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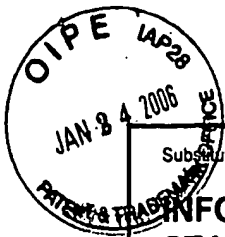
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		First Named Inventor	Binder, Steven R.
		Art Unit	1645 1631
		Examiner Name	
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		Attorney Docket Number	02558B-063710US

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PW	AFF	PETROVEYKI, M. et al. "An algorithm for leukaemia immunophenotype pattern recognition," Med. Inform. 1993, pp. 11-21, Vol. 18, No. 1.	
PW	AGG	THOMPSON, D. et al. "The clinical significance of autoantibody profiles in patients with systemic lupus erythematosus," Lupus 1993, pp. 15-19, Vol. 2.	

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		Art Unit	1645 1631
		Examiner Name	Pablo S. Whaley
Sheet 1 of 1	Attorney Docket Number	02558B-063710US	

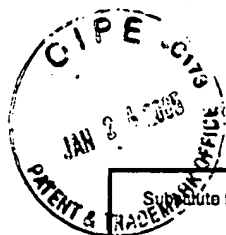
U.S. PATENT DOCUMENTS+					
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PW	1	US-5,293,454	03-08-1994	Kamiya	

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
PW	2	JP	11-504739	A	04-27-1999	Horus Therapeutics, Inc.		<input type="checkbox"/>
	3	WO	97/05553	A1	02-13-1997	Horus Therapeutics, Inc.		<input type="checkbox"/>
	4	JP	06-509865	A	11-02-1994	Terrapin Technologies Inc.		<input type="checkbox"/>
	5	WO	92/17784	A1	10-15-1992	Terrapin Technologies Inc.		<input type="checkbox"/>
	6	JP	2-235170			Kokai		<input type="checkbox"/>
	7	JP	200-172671			Kokai		<input type="checkbox"/>

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PW	8	GRUS et al., "Identification and Classification of an Autoantibody Repertoires (Western Blots) with a Pattern Recognition Algorithm by an Artificial Neural Network," Electrophoresis, Vol. 18, No. 7 (1997) p. 1120-1125	

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 60668543 v1



PTO:SB-08A (08-03)

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		Art Unit	1631		
		Examiner Name	Allen, Marianne P. P. WHALEY		
Sheet	1	of	2	Attorney Docket Number	02558B-063710US

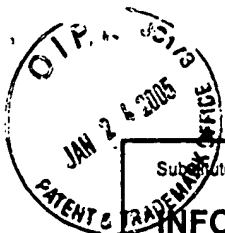
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PW	1.	JP	11-504739	A	04-27-1999	Horus Therapeutics, Inc.		<input checked="" type="checkbox"/>
	2.	WO	97/05553	A1	02-13-1997	Horus Therapeutics, Inc.		<input type="checkbox"/>
I	3.	JP	06-509865	A	11-02-1994	Terrapin Technologies Inc.		<input checked="" type="checkbox"/>
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PW	5.	GRUS, F. and ZIMMERMANN, C., "Identification and classification of autoantibody repertoires (western blots) with a pattern recognition algorithm by an artificial neural network" Electrophoresis 18:1120-1125 (1997)	

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